

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including DWR Erosion Survey**

***San Joaquin River Basin***

<b>RD2064</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 2064 River Junction</b>	<b>U</b>	<b>11.65</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	5.14		5.14	44.14%				
Animal Control	0.01		0.01	0.09%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.24	0.02		
<i>LMA Totals:</i>	5.15	0.00	5.15	44.22%	0.24	0.02	0.00	0.00

  

<b>Unit No. 01 San Joaquin River RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD2064</b>	<b>U</b>	<b>5.56</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	3.19		3.19	57.37%				
Animal Control	0.01		0.01	0.18%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.14	0.01		
<i>Unit Totals:</i>	3.20	0.00	3.20	57.55%	0.14	0.01	0.00	0.00

  

<b>Unit No. 02 Stanislaus River RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD2064</b>	<b>U</b>	<b>6.08</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	1.95		1.95	32.05%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.10	0.01		
<i>Unit Totals:</i>	1.95	0.00	1.95	32.05%	0.10	0.01	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2015 Levee Inspection Results**

**Reclamation District No. 2064 River Junction**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 2064 River Junction**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	5.56
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/21/2015 - 04/21/2015		09/29/2015 - 09/29/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Gordon Armstrong RD 2064 President		Gordon Armstrong RD 2064 President	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	6	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Operations & Maintenance Manuals				o	
					o	
DWR ID	DWR_RD2064_01_f_2014_6					
Action/Comments						
Inspector Comments: District 2064 has the O&M Manual on hand.						

No Photos

LM Start		Rating **	A	Issue No.	7	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				o	
					o	
DWR ID	DWR_RD2064_01_f_2014_7					
Action/Comments						
Inspector Comments: District has an adequate supply of flood fight materials in storage.						

No Photos

LM Start		Rating **	A	Issue No.	8	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				°	
					°	
DWR ID	DWR_RD2064_01_f_2014_8					
Action/Comments						
Inspector Comments: District 2064 has been trained for flood fighting.						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.06	Rating **	M	Issue No.	28
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709725 °	37.709725 °
				-121.267534 °	-121.267534 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:18718  
DS\_ID:20512  
EP\_NO: 13907  
FS\_HLM: 0.077  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: This pipe has less than 1-foot of cover.  
FIELD\_STRUCT\_DESC: 1 of 3: 24-inch stormdrain discharge pipe through the levee 2.0 feet below the crown (Permit No. 13907, 1985). Two 100-horsepower and one 75-horsepower pumps on landward toe of levee. Siphon breaker on WS shoulder.  
FS Date: 08/27/2013

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_1332.jpg



Pump on wooden pier on LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_1333.jpg



Pipe and siphon breaker visible on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.06	Rating **	M	Issue No.	28 (cont)
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709725 °	37.709725 °
				-121.267534 °	-121.267534 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:18718					
DS_ID:20512					
EP_NO: 13907					
FS_HLM: 0.077					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_1334.jpg



Steel storm drain pipe with pump on pier in background.

LM Start	0.06	Rating **	M	Issue No.	29
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709698 °	37.709698 °
				-121.267536 °	-121.267536 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22729 DS_ID:20527 EP_NO: 13907 FS_HLM: 0.079 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe has less than 1-foot of cover. FIELD_STRUCT_DESC: 2 of 3: 24-inch steel stormdrain discharge pipe through the levee 2.0 feet below the crown (Permit No. 13907, 1985). Two 100-horsepower and one 75-horsepower pumps on pier at landward toe of levee. Siphon breaker on WS shoulder. FS Date: 08/27/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2252.jpg



Pump on wooden pier at LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.06	Rating **	M	Issue No.	29 (cont)
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709698 °	37.709698 °
				-121.267536 °	-121.267536 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22729 DS_ID:20527 EP_NO: 13907 FS_HLM: 0.079 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe has less than 1-foot of cover. FIELD_STRUCT_DESC: 2 of 3: 24-inch steel stormdrain discharge pipe through the levee 2.0 feet below the crown (Permit No. 13907, 1985). Two 100-horsepower and one 75-horsepower pumps on pier at landward toe of levee. Siphon breaker on WS shoulder. FS Date: 08/27/2013					

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_2253.jpg



Pipe and siphon breaker on WS shoulder.

Photo 3 of 3 : UCIP\_FA\_2015\_2254.jpg



Pipe visible on LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.06	Rating **	M	Issue No.	30
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709672 °	37.709672 °
				-121.267532 °	-121.267532 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:18720					
DS_ID:20528					
EP_NO: 13907					
FS_HLM: 0.08					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_1335.jpg



Pump on pier on LS.

Photo 2 of 3 : UCIP\_FA\_2015\_1336.jpg



Siphon breaker visible on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.06	Rating **	M	Issue No.	30 (cont)
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.709672 °	37.709672 °
				-121.267532 °	-121.267532 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:18720					
DS_ID:20528					
EP_NO: 13907					
FS_HLM: 0.08					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_1337.jpg



Steel pipe visible on LS.

LM Start	0.07	Rating **	A	Issue No.	21
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.709545 °	37.691882 °
				-121.267527 °	-121.269553 °
DWR ID	DWR_RD2064_01_f_2015_21				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.07	Rating **	A	Issue No.	22
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.709545 °	37.691882 °
				-121.267527 °	-121.269553 °
DWR ID	DWR_RD2064_01_f_2015_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: No unwanted weeds at this location.					

Photo 1 of 1 : FA\_2015\_RD2064\_313\_22\_20151001\_00009.jpg



Looking downstream from levee mile 0.07 district has mowed the slope to levee mile 1.49.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	1.23	Rating **	M	Issue No.	31
LM End	1.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695529 °	37.695529 °
				-121.270005 °	-121.270005 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:40792  
 DS\_ID:20533  
 EP\_NO: N/A  
 FS\_HLM: 1.276  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pump and slant pipe missing from structure on WS slope.  
 FIELD\_STRUCT\_DESC: 12-inch steel concrete encased irrigation pipe through the levee 13.0 feet below the crown, slant pump on the WS toe. Slide gate in 36-inch CMP riser on the WS shoulder. 6'X6' concrete distribution box and filter plant on LS toe. 2-inch galvanized iron electrical conduit at same location. Originally included in the 1968 O&M manual.  
 FS Date: 08/27/2013

LM Start	<b>1.23</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>1.23</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_1579.jpg



Pump and slant pipe missing from structure on WS slope.

Photo 2 of 3 : UCIP\_FA\_2015\_1580.jpg



Concrete distribution box and filter plant on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	1.23	Rating **	M	Issue No.	31 (cont)
LM End	1.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695529 °	37.695529
				-121.270005 °	-121.270005
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40792 DS_ID:20533 EP_NO: N/A FS_HLM: 1.276 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_1581.jpg



Slide gate in CMP riser on WS shoulder.

LM Start	1.23	Rating **	U	Issue No.	32
LM End	1.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695506 °	37.695506 °
				-121.269995 °	-121.269995 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42940					
DS_ID:20524					
EP_NO: 3739					
FS_HLM: 1.277					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Some leakage at connection between pipe and					
distro box on LS toe. This may indicate internal failure of pipe.					
FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee					
10.75-feet below the crown. Slant pump on WS toe. Slide gate in 36-					
inch CMP riser on WS shoulder. 6'X6' concrete distribution box and					
filter plant on LS toe. 2-inch galvanized iron electrical conduit at same					
location.					
FS Date: 08/27/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2255.jpg



Leakage along pipe alignment on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	1.23	Rating **	U	Issue No.	32 (cont)
LM End	1.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695506 °	37.695506 °
				-121.269995 °	-121.269995 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42940					
DS_ID:20524					
EP_NO: 3739					
FS_HLM: 1.277					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Some leakage at connection between pipe and distro box on LS toe. This may indicate internal failure of pipe.					
FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee 10.75-feet below the crown. Slant pump on WS toe. Slide gate in 36-inch CMP riser on WS shoulder. 6'X6' concrete distribution box and filter plant on LS toe. 2-inch galvanized iron electrical conduit at same location.					
FS Date: 08/27/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_2256.jpg



Concrete distribution box on LS toe with filter plant.

Photo 3 of 3 : UCIP\_FA\_2015\_2257.jpg



Slant pump on WS toe. Slide gate in 36-inch CMP riser on WS shoulder.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	1.55	Rating **	M	Issue No.	23
LM End	2.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.691263 °	37.688103 °
				-121.270182 °	-121.259600 °
DWR ID	DWR_RD2064_01_f_2015_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	1.94	Rating **	M	Issue No.	33
LM End	1.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.689900 °	37.689900 °
				-121.264802 °	-121.264802 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:18763 DS_ID:20515 EP_NO: N/A FS_HLM: 1.997 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Culvert filled nearly to the top with soil. FIELD_STRUCT_DESC: 30-inch square reinforced concrete stormdrain box culvert through the levee 14.7-feet below the crown. Slide gate in concrete riser unit on the waterward slope. Concrete "U" shaped headwalls on both ends. Flap gate on the waterward end. Originally included in the 1968 O&M manual. FS Date: 08/27/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_1582.jpg



Concrete U-shaped headwall on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	1.94	Rating **	M	Issue No.	33 (cont)
LM End	1.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.689900 °	37.689900 °
				-121.264802 °	-121.264802 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:18763  
 DS\_ID:20515  
 EP\_NO: N/A  
 FS\_HLM: 1.997  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Culvert filled nearly to the top with soil.  
 FIELD\_STRUCT\_DESC: 30-inch square reinforced concrete stormdrain box culvert through the levee 14.7-feet below the crown. Slide gate in concrete riser unit on the waterward slope. Concrete "U" shaped headwalls on both ends. Flap gate on the waterward end. Originally included in the 1968 O&M manual.  
 FS Date: 08/27/2013

LM Start	<b>1.94</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>1.94</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_1583.jpg



Concrete U-shaped headwall on LS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_1584.jpg



Slide gate in Concrete riser on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	2.22	Rating **	M	Issue No.	24
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.688023 °	37.675470 °
				-121.260335 °	-121.263682 °
DWR ID	DWR_RD2064_01_f_2015_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	2.42	Rating **	M	Issue No.	25
LM End	3.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.687708 °	37.675258 °
				-121.256912 °	-121.263440 °
DWR ID	DWR_RD2064_01_f_2015_25				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Tall weeds present on the slope, does not block view of levee section.					

No Photos

LM Start	3.46	Rating **	M	Issue No.	34
LM End	3.46	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.676751 °	37.676751 °
				-121.264193 °	-121.264193 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22731 DS_ID:20517 EP_NO: N/A FS_HLM: 3.553 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Neet to verify status of pipeline. FIELD_STRUCT_DESC: Underground gas line crossing; depth through the levee and size unknown. Found possible sign posts on WS toe. FS Date: 08/27/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_2258.jpg



Possible sign posts on WS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	3.49	Rating **	M	Issue No.	35
LM End	3.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.676276 °	37.676276 °
				-121.264104 °	-121.264104 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22790					
DS_ID:24060					
EP_NO: N/A					
FS_HLM: 3.588					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Unable to identify purpose or permit for this crossing.					
FIELD_STRUCT_DESC: 2 of 2: 4-inch galvanized iron conduit through the levee at unknown depth below the crown. Visible on downstream side of the bridge. 3.5-foot by 6-foot steel vault on crown.					
FS Date: 08/27/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_1698.jpg



Lower conduit visible on DS side of bridge at WS slope.

LM Start	3.49	Rating **	M	Issue No.	36
LM End	3.49	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.676276 °	37.676276 °
				-121.264104 °	-121.264104 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22085 DS_ID:24059 EP_NO: N/A FS_HLM: 3.588 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to identify purpose or permit for this crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch galvanized iron conduit through the levee at unknown depth below the crown. Visible on downstream side of the bridge. 3.5-foot by 6-foot steel vault on crown. FS Date: 08/27/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_2380.jpg



Upper conduit visible on DS side of bridge.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	3.57	Rating **	M	Issue No.	37
LM End	3.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675267 °	37.675267 °
				-121.263426 °	-121.263426 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:19044  
 DS\_ID:20519  
 EP\_NO: 6450  
 FS\_HLM: 3.673  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Appears abandoned and if so should be done so properly.  
 FIELD\_STRUCT\_DESC: 18-inch steel discharge pipe through the levee 2-feet below the crown. Crown roadway padded over the pipe. Pipe exposed on both slopes. Gate valve on the LS toe. Pump missing from sump with sheet pile siding in ditch on the landside. Siphon breaker on the waterward side (Permit No. 6450, 1969).  
 FS Date: 08/27/2013

LM Start	<b>3.57</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>3.57</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_1666.jpg



Gate valve on LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_1667.jpg



Pipe visible at sump off LS toe. No pump or appurtenances.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	3.57	Rating **	M	Issue No.	37 (cont)
LM End	3.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675267 °	37.675267 °
				-121.263426 °	-121.263426 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19044					
DS_ID:20519					
EP_NO: 6450					
FS_HLM: 3.673					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_1668.jpg



Pipe and gate valve on LS toe.

LM Start	3.57	Rating **	M	Issue No.	38
LM End	3.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675266 °	37.675266 °
				-121.263421 °	-121.263421 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22732 DS_ID:20525 EP_NO: N/A FS_HLM: 3.671 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if pipe was actually removed from levee. FIELD_STRUCT_DESC: 12-inch steel stormdrain pipe through the levee at unknown depth below the crown. Steel plate welded over LS end at LS toe. Permit No. 6450, states it was removed in 1973, but it remains visible on the LS toe. Originally included in the 1968 O&M manual. FS Date: 08/27/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_2259.jpg



Pipe with welded steel plate over LS end at LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	3.57	Rating **	M	Issue No.	38 (cont)	
LM End	3.57	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.675266 °	37.675266 °	
				-121.263421 °	-121.263421 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:22732 DS_ID:20525 EP_NO: N/A FS_HLM: 3.671 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if pipe was actually removed from levee. FIELD_STRUCT_DESC: 12-inch steel stormdrain pipe through the levee at unknown depth below the crown. Steel plate welded over LS end at LS toe. Permit No. 6450, states it was removed in 1973, but it remains visible on the LS toe. Originally included in the 1968 O&M manual. FS Date: 08/27/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_2260.jpg



Pipe visible on LS toe.

LM Start	3.57	Rating **	M	Issue No.	39
LM End	3.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675247 °	37.675247 °
				-121.263398 °	-121.263398 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22733 DS_ID:20522 EP_NO: 13609 FS_HLM: 3.673 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. Pipe was to be removed in 1984. FIELD_STRUCT_DESC: 1 of 2: 24-inch steel discharge pipe through the levee 2-feet below the crown (Permit No. 13609, 1983). Approx. 420 feet upstream of Durham Ferry-Airport Way Road. FS Date: 08/27/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2261.jpg



Pipe open at pump sump off LS toe.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	3.57	Rating **	M	Issue No.	39 (cont)
LM End	3.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675247 °	37.675247 °
				-121.263398 °	-121.263398 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22733 DS_ID:20522 EP_NO: 13609 FS_HLM: 3.673 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. Pipe was to be removed in 1984. FIELD_STRUCT_DESC: 1 of 2: 24-inch steel discharge pipe through the levee 2-feet below the crown (Permit No. 13609, 1983). Approx. 420 feet upstream of Durham Ferry-Airport Way Road. FS Date: 08/27/2013					

LM Start	<b>3.57</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>3.57</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_2262.jpg



Pipe visible on WS slope.

Photo 3 of 3 : UCIP\_FA\_2015\_2263.jpg



Pipe and vent visible on LS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	3.60	Rating **	M	Issue No.	40
LM End	3.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.675005 °	37.675005 °
				-121.263103 °	-121.263103 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19046					
DS_ID:20534					
EP_NO: 13609					
FS_HLM: 3.697					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP\_FA\_2015\_1501.jpg



Concrete rubble on WS slope possible indicator of abandoned pipe location.

LM Start	<b>3.60</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>3.60</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_FA\_2015\_1502.jpg



Concrete rubble on WS slope possible indicator of abandoned pipe location.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	3.79	Rating **	M	Issue No.	27
LM End	3.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.673273 °	37.673273 °
				-121.260333 °	-121.260333 °
DWR ID	DWR_RD2064_01_f_2015_27				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	4.72	Rating **	M	Issue No.	41
LM End	4.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.670161 °	37.670161 °
				-121.246973 °	-121.246973 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19064 DS_ID:20530 EP_NO: 3359 FS_HLM: 4.843 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe not found. Need to determine disposition of pipe as all other appurtenances remain. FIELD_STRUCT_DESC: 2 of 2: 18-inch pipe through levee 3.5 feet below the crown (Permit No. 3359, 1961). Pump mounted on pipe structure in the river; protective fender in the stream, wooden walkway to the pump structure. Siphon breaker on the landward side. Originally included in the 1968 O&M manual. FS Date: 08/27/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_1505.jpg



Pump platform and fender visible on WS toe.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	4.72	Rating **	M	Issue No.	41 (cont)	
LM End	4.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.670161 °	37.670161 °	
				-121.246973 °	-121.246973 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:19064 DS_ID:20530 EP_NO: 3359 FS_HLM: 4.843 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe not found. Need to determine disposition of pipe as all other appurtenances remain. FIELD_STRUCT_DESC: 2 of 2: 18-inch pipe through levee 3.5 feet below the crown (Permit No. 3359, 1961). Pump mounted on pipe structure in the river; protective fender in the stream, wooden walkway to the pump structure. Siphon breaker on the landward side. Originally included in the 1968 O&M manual. FS Date: 08/27/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_1506.jpg



Concrete distribution box in center of structure on LS toe.

LM Start	4.72	Rating **	M	Issue No.	42
LM End	4.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.670161 °	37.670161 °
				-121.246973 °	-121.246973 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19063 DS_ID:20520 EP_NO: 3359 FS_HLM: 4.843 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe not found. Need to determine disposition of pipe as all other appurtenances remain. FIELD_STRUCT_DESC: 1 of 2: 24-inch pipe through the levee 3.5 feet below the crown (Permit No. 3359, 1961). Pump mounted on pipe structure in the river; protective fender in the stream, wooden walkway to the pump structure. Siphon breaker on the landward side. Originally included in the 1968 O&M manual. FS Date: 08/27/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_1503.jpg



Pump platform, walkway, and fender remain in stream. No 24-1inch pipe found.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	5.56	09/29/2015 09/29/2015	Herman Phillips

LM Start	4.72	Rating **	M	Issue No.	42 (cont)	
LM End	4.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.670161 °	37.670161 °	
				-121.246973 °	-121.246973 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:19063 DS_ID:20520 EP_NO: 3359 FS_HLM: 4.843 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe not found. Need to determine disposition of pipe as all other appurtenances remain. FIELD_STRUCT_DESC: 1 of 2: 24-inch pipe through the levee 3.5 feet below the crown (Permit No. 3359, 1961). Pump mounted on pipe structure in the river; protective fender in the stream, wooden walkway to the pump structure. Siphon breaker on the landward side. Originally included in the 1968 O&M manual. FS Date: 08/27/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_1504.jpg



Concrete distribution box remains in center of structure on LS toe.

LM Start	5.15	Rating **	C	Issue No.	26
LM End	5.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.672778 °	37.670878 °
				-121.242677 °	-121.241620 °
DWR ID	DWR_RD2064_01_f_2015_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 2064 River Junction**

Waterway			Bank	Unit Miles
Unit No. 02 Stanislaus River			Right	6.08
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	04/21/2015 - 04/21/2015		09/29/2015 - 09/29/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Gordon Armstrong RD 2064 President		Gordon Armstrong RD 2064 President	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.01	Rating **	C	Issue No.	30
LM End	0.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.666927 °	37.666927 °
				-121.240807 °	-121.240807 °
DWR ID	DWR_RD2064_02_f_2014_30				
Action/Comments					
Building					
Inspector Comments: Unauthorized building, satellite disk and concrete pad placed on waterside toe without CVFPB Permit.					

No Photos

LM Start	0.05	Rating **	M	Issue No.	17
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.666865 °	37.676955 °
				-121.240122 °	-121.223248 °
DWR ID	DWR_RD2064_02_f_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_RD2064\_314\_17\_20151006\_00013.jpg



RD 2064 Looking downstream from levee mile 0.05 landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.33	Rating **	M	Issue No.	31
LM End	0.33	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.664752 °	37.664752 °
				-121.236512 °	-121.236512 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:44653  
 DS\_ID:24062  
 EP\_NO: N/A  
 FS\_HLM: 0.339  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Plan of action in progress to install permanent pipe and pump by August 2015. No permit identified for large PVC irrigation pipe with inadequate cover.  
 FIELD\_STRUCT\_DESC: 8-inch PVC irrigation pipe through the levee 0.5-feet below the crown. Portable pump on the WS berm and a filter plant on the LS toe. Vent at filter plant on LS toe.  
 FS Date: 04/22/2015

LM Start	<b>0.33</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>0.33</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_2416.jpg



Portable pump on WS berm.

Photo 2 of 3 : UCIP\_FA\_2015\_2417.jpg



Pipe visible on WS shoulder/slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.33	Rating **	M	Issue No.	31 (cont)
LM End	0.33	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.664752 °	37.664752 °
				-121.236512 °	-121.236512 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:44653					
DS_ID:24062					
EP_NO: N/A					
FS_HLM: 0.339					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_2418.jpg



Pipe, vent, and filter plant on LS shoulder and LS toe.

LM Start	0.33	Rating **	U	Issue No.	32
LM End	0.33	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.664740 °	37.664740 °
				-121.236474 °	-121.236474 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19073					
DS_ID:20537					
EP_NO: 4462					
FS_HLM: 0.341					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Pipe failing on LS toe do to excessive rust. Pump missing from deteriorating wooden platform on LS slope. Pipe crossing being repaired at site.					
FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee 3.5-feet below the crown. Slant pump on the WS bank. Siphon breaker on the landward shoulder. Timber walkway from the levee slope to the pump motor (Permit No. 4462, 1964). Originally included in the 1968 O&M manual. 2-inch electrical conduit at same location.					
FS Date: 08/28/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_1553.jpg



2-inch galvanized iron electrical conduit at same location.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	<b>0.33</b>	Rating **	U	Issue No.	<b>32 (cont)</b>
LM End	<b>0.33</b>	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.664740 °	37.664740 °
				-121.236474 °	-121.236474 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:19073

DS\_ID:20537

EP\_NO: 4462

FS\_HLM: 0.341

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: Pipe failing on LS toe do to excessive rust. Pump missing from deteriorating wooden platform on LS slope. Pipe crossing being repaired at site.

FIELD\_STRUCT\_DESC: 16-inch steel irrigation pipe through the levee 3.5-feet below the crown. Slant pump on the WS bank. Siphon breaker on the landward shoulder. Timber walkway from the levee slope to the pump motor (Permit No. 4462, 1964). Originally included in the 1968 O&M manual. 2-inch electrical conduit at same location.

FS Date: 08/28/2013

LM Start	<b>0.33</b>	Rating **	U	Issue No.	<b>32 (cont)</b>
LM End	<b>0.33</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_1554.jpg



Deteriated wooded pump platform on WS shoulder.

Photo 3 of 3 : UCIP\_FA\_2015\_1555.jpg



Siphon breaker in 24-inch CMP riser on LS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	0.67	Rating **	C	Issue No.	28
LM End	1.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.663697 °	37.670097 °
				-121.230898 °	-121.226397 °
DWR ID	DWR_RD2064_02_f_2014_28				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.97	Rating **	M	Issue No.	33
LM End	1.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.676454 °	37.676454 °
				-121.223204 °	-121.223204 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22095 DS_ID:24063 EP_NO: N/A FS_HLM: 2.01 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee at unknown depth below the crown. Pump on wooden pier at WS . Vent between 2 steel bollards on LS shoulder. Filter plant on LS toe. 1.5-inch galvanized iron electrical conduit at same location. FS Date: 08/27/2013					

Photo 1 of 3 : UCIP\_FA\_2015\_2419.jpg



Filterplant visible on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	1.97	Rating **	M	Issue No.	33 (cont)
LM End	1.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.676454 °	37.676454 °
				-121.223204 °	-121.223204 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:22095 DS_ID:24063 EP_NO: N/A FS_HLM: 2.01 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee at unknown depth below the crown. Pump on wooden pier at WS . Vent between 2 steel bollards on LS shoulder. Filter plant on LS toe. 1.5-inch galvanized iron electrical conduit at same location. FS Date: 08/27/2013					

LM Start	<b>1.97</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>1.97</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_2420.jpg



Vent on LS shoulder.

Photo 3 of 3 : UCIP\_FA\_2015\_2421.jpg



Pipe and vent visible on WS shoulder at wooden walkway.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	2.21	Rating **	C	Issue No.	8
LM End	2.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.679930 °	37.679930 °
				-121.223220 °	-121.223220 °
DWR ID	DWR_RD2064_02_s _ 2012_8				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.22	Rating **	N	Issue No.	9
LM End	2.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.679988 °	37.679988 °
				-121.223340 °	-121.223340 °
DWR ID	DWR_RD2064_02_s _ 2012_9				
Action/Comments					
Tree stumps.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	2.53	Rating **	M	Issue No.	34
LM End	2.53	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.684148 °	37.684148 °
				-121.223599 °	-121.223599 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:19086  
 DS\_ID:20540  
 EP\_NO: N/A  
 FS\_HLM: 2.583  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Leak next to roadway may indicate pipe has reached life capacity-good candidate for video inspection.  
 FIELD\_STRUCT\_DESC: 30-inch reinforced concrete box culvert through the levee 14.5-feet below the crown. Pipe reduced to 24-inch through the berm to pump house. Slide gate in 6'X7' concrete riser unit on the waterward slope. Slant pump mounted on WS berm next to 5'X9' concrete riser. 1.5-inch electrical conduit at same location. Originally included in the 1968 O&M manual.  
 FS Date: 08/28/2013

LM Start	<b>2.53</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>2.53</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_1575.jpg



Concrete riser in field north of levee likely outlet for cox culvert.

Photo 2 of 3 : UCIP\_FA\_2015\_1576.jpg



Wet area next to roadway off LS toe may indicate a leak. Power pole and meter on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	2.53	Rating **	M	Issue No.	34 (cont)
LM End	2.53	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.684148 °	37.684148 °
				-121.223599 °	-121.223599 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19086 DS_ID:20540 EP_NO: N/A FS_HLM: 2.583 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_1577.jpg



Gate valve on WS shoulder. Pump next to concrete riser in background.

LM Start	3.03	Rating **	N	Issue No.	11
LM End	3.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.687722 °	37.687722
				-121.217045 °	-121.217045
DWR ID	DWR_RD2064_02_s_2012_11				
Action/Comments					
Tree stumps.					

No Photos

LM Start	4.10	Rating **	N	Issue No.	12
LM End	4.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.694172 °	37.694172 °
				-121.207255 °	-121.207255 °
DWR ID	DWR_RD2064_02_s_2012_12				
Action/Comments					
Tree stumps.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	4.19	Rating **	M	Issue No.	35
LM End	4.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695198 °	37.695198 °
				-121.206414 °	-121.206414 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41075 DS_ID:20542 EP_NO: N/A FS_HLM: 4.274 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate missing from LS ditch. FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee 6.0-feet below the crown. Slide gate in 36-inch corrugated metal riser unit on the waterward side. Pump mounted on pile structure in the river. Pipe discharges into cobble grouted spillway on the landward side. Flap gate on the landward side. Originally included in the 1968 O&M manual. FS Date: 08/28/2013					

LM Start	<b>4.19</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>4.19</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_1587.jpg



Pipe with missing flapgate on LS at concrete ditch.

Photo 2 of 3 : UCIP\_FA\_2015\_1588.jpg



Slide gate in 36-inch CMP riser on WS slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	4.19	Rating **	M	Issue No.	35 (cont)
LM End	4.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695198 °	37.695198 °
				-121.206414 °	-121.206414 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41075 DS_ID:20542 EP_NO: N/A FS_HLM: 4.274 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_1589.jpg



Pipe and pump visible on WS berm.

LM Start	4.24	Rating **	M	Issue No.	36
LM End	4.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695745 °	37.695745 °
				-121.205865 °	-121.205865 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22107					
DS_ID:24064					
EP_NO: N/A					
FS_HLM: 4.321					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe does not have adequate cover at crown.					
FIELD_STRUCT_DESC: 12-inch steel discharge pipe through the levee					
0.5-feet below the crown. Pump on concrete headwall at LS toe. Pipe					
discharges into 6'X7' concrete box on WS shoulder.					
FS Date: 08/28/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_2445.jpg



Pipe discharges into concrete riser on WS slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	4.24	Rating **	M	Issue No.	36 (cont)
LM End	4.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.695745 °	37.695745 °
				-121.205865 °	-121.205865 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:22107  
 DS\_ID:24064  
 EP\_NO: N/A  
 FS\_HLM: 4.321  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe does not have adequate cover at crown.  
 FIELD\_STRUCT\_DESC: 12-inch steel discharge pipe through the levee 0.5-feet below the crown. Pump on concrete headwall at LS toe. Pipe discharges into 6'X7' concrete box on WS shoulder.  
 FS Date: 08/28/2013

Photo 2 of 2 : UCIP\_FA\_2015\_2446.jpg



Pump for pipe on concrete headwall at LS toe.

LM Start	4.92	Rating **	M	Issue No.	37
LM End	4.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.696146 °	37.696146 °
				-121.194093 °	-121.194093 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:22109  
 DS\_ID:24066  
 EP\_NO: N/A  
 FS\_HLM: 5.014  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: No permit identified for this crossing.  
 FIELD\_STRUCT\_DESC: 2 of 2: 4-inch PVC discharge pipe through the 30-inch stormdrain pipe 11-feet below the crown. No permit.  
 FS Date: 08/28/2013

Photo 1 of 3 : UCIP\_FA\_2015\_2450.jpg



Evidence of discharge from PVC on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	4.92	Rating **	M	Issue No.	37 (cont)
LM End	4.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.696146 °	37.696146 °
				-121.194093 °	-121.194093 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22109					
DS_ID:24066					
EP_NO: N/A					
FS_HLM: 5.014					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 2 of 2: 4-inch PVC discharge pipe through the					
30-inch stormdrain pipe 11-feet below the crown. No permit.					
FS Date: 08/28/2013					

Photo 2 of 3 : UCIP\_FA\_2015\_2451.jpg



PVC conduit at left on LS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_2452.jpg



PVC conduit at left on LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	4.92	Rating **	M	Issue No.	38
LM End	4.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.696146 °	37.696146 °
				-121.194093 °	-121.194093 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22108					
DS_ID:24065					
EP_NO: N/A					
FS_HLM: 5.014					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	<b>4.92</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>4.92</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_2447.jpg



Evidence of discharge through PVC conduit on WS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_2448.jpg



PVC pipe at right inside stormdrain on LS toe.

LM Start	<b>4.92</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>4.92</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP\_FA\_2015\_2449.jpg



PVC pipe at right inside stormdrain on LS toe.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	5.46	Rating **	M	Issue No.	39
LM End	5.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.699557 °	37.699557 °
				-121.185385 °	-121.185385 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22795 DS_ID:24067 EP_NO: N/A FS_HLM: 5.567 Repair Type: Non-Urgent Crossing Status: Found					

No Photos

LM Start	5.54	Rating **	M	Issue No.	40
LM End	5.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.699848 °	37.699848 °
				-121.184135 °	-121.184135 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19145					
DS_ID:20555					
EP_NO: N/A					
FS_HLM: 5.64					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Appears abandoned and if so should be done so appropriately.					
FIELD_STRUCT_DESC: 30-inch corrugated metal irrigation pipe through the levee 10.0 feet below the crown. Slide gate in 36-inch corrugated metal riser unit on the waterward slope. Two corrugated metal cutoff walls.					
FS Date: 08/28/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_1168.jpg



Pipe in CMP riser on WS slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2064 River Junction**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Stanislaus River	Right	6.08	09/29/2015 09/29/2015	Herman Phillips

LM Start	5.54	Rating **	M	Issue No.	40 (cont)	
LM End	5.54	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.699848 °	37.699848 °	
				-121.184135 °	-121.184135 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:19145 DS_ID:20555 EP_NO: N/A FS_HLM: 5.64 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and if so should be done so appropriately. FIELD_STRUCT_DESC: 30-inch corrugated metal irrigation pipe through the levee 10.0 feet below the crown. Slide gate in 36-inch corrugated metal riser unit on the waterward slope. Two corrugated metal cutoff walls. FS Date: 08/28/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_1169.jpg



Slide gate in CMP riser on WS slope

LM Start	5.74	Rating **	M	Issue No.	41
LM End	5.74	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.702220 °	37.702220 °
				-121.182210 °	-121.182210 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19146 DS_ID:20556 EP_NO: N/A FS_HLM: 5.851 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate missing and CMP riser filled with soil. Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 20-inch corrugated metal pipe through the levee 13.0-feet below the crown. Slide gate in corrugated metal riser unit on the waterward slope. Two corrugated metal cutoff walls. Underground irrigation system. Originally included in the 1968 O&M manual. FS Date: 08/28/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_1170.jpg



CMP riser for slide gate filled with soil.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	